

**CHEMICAL WASTE MANAGEMENT, INC.**
A WASTE MANAGEMENT COMPANYKettleman Hills Facility
35251 Old Skyline Rd.
P.O. Box 471
Kettleman City, CA 93239

May 7, 2001

CERTIFIED MAIL 7099 3400 0008 3880 5938Elaine Eby
Office of Solid Waste (5302 W)
United States Environmental Protection Agency
401 M Street SW.
Washington, D.C. 20460**Re: Chemical Waste Management, Inc., Kettleman Hills Facility – Selenium
Variance Annual Report (FRL-6346-2)**

Dear Ms. Eby:

Pursuant to the requirements of the site-specific treatment variance FRL-6346-2, Chemical Waste Management, Inc., Kettleman Hills Facility (KHF) is submitting this annual report. This annual report contains information regarding any alternative treatment technologies being investigated, and provides any analytical data from these studies. Also included is the stabilization recipes being used to meet the alternative treatment standard, the selenium concentrations of the untreated wastes, and the analytical results from the treated selenium waste.

Alternative Treatment Technologies

This waste does not contain sufficient organics to qualify as a candidate for incineration. The Kettleman Hills Facility has continued to discuss with vendors the availability of new products that may prove effective in treating selenium. In the past year there have been no potential products identified by the Kettleman Hills Facility for testing. At this time there have been no studies conducted using alternative products, or technologies, for the treatment of selenium.

Stabilization Recipes and Analytical Data

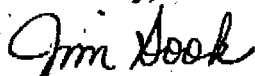
The attached table (Attachment 1) lists all the manifested loads of electrostatic precipitator dust (EP Dust) from Owens Brockway (profile D79726) that have been received since June 7, 2000, the date of the last annual report. Two of the manifested loads from Owens Brockway are pending treatment, and one additional load is still pending recipe development. The pending data from these 3 loads, which was not

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available at the time of this submission, will be included in next year's annual report. The table lists the manifest number for each load, as well as the untreated and treated selenium concentrations. The table also lists the stabilization recipes utilized to achieve the approved selenium treatment standards detailed in the variance. In some cases, KHF was able to achieve selenium concentrations below the current Phase IV treatment standard (5.7 mg/l). In every case the KHF was able to achieve results below the alternative D010 selenium standard of 51 mg/l (TCLP). The raw analytical data is available upon request.

Please note that KHF has not received any EP Dust from Ball Foster Glass since June 7, 2000. If you have any questions regarding the contents of this annual report please contact me at (559) 386-6269.

Sincerely,



Jim Sock, CHMM
Technical Manager
CHEMICAL WASTE MANAGEMENT, INC.

cc: Bill Viele, DTSC
Shelton Grey, RWQCB

ATTACHMENT 1

SELENIUM VARIANCE TREATMENT RESULTS

Date	Generator	Manifest #	Stabilization	Selenium	Selenium	Variance	Phase IV
Received			Recipe	Untreated	Treated	Standard	Standard
06/13/00	Owens Brockway	98784172	0.3 F; 0.6 C; 0.2 CKD	75.5	25.8	51mg/l	5.7mg/l
06/16/00	Owens Brockway	98784123	0.1 F; 0.6 C	26.5	3.99	51mg/l	5.7mg/l
06/21/00	Owens Brockway	98784122	0.8 F; 1.3 C; 0.5 CKD	315	1.83	51mg/l	5.7mg/l
06/26/00	Owens Brockway	98784144	0.5 F; 0.8 C; 0.8 CKD	150	ND	51mg/l	5.7mg/l
06/29/00	Owens Brockway	98784145	0.3 F; 0.6 C; 0.2 CKD	67.1	13.1	51mg/l	5.7mg/l
07/20/00	Owens Brockway	99787188	0.6 F; 0.8 C; 0.4 CKD	280	5.09	51mg/l	5.7mg/l
07/20/00	Owens Brockway	99787891	0.6 F; 0.8 C; 0.4 CKD	196	5.04	51mg/l	5.7mg/l
01/09/01	Owens Brockway	20106474	0.4 F; 0.8 C; 0.6 CKD	92.8	17.2	51mg/l	5.7mg/l
01/23/01	Owens Brockway	20106544	0.5 F; 0.9 C; 0.5 CKD	113	10.1	51mg/l	5.7mg/l
02/05/01	Owens Brockway	20106582	0.3 F; 0.8 C; 0.6 CKD	96.6	7.68	51mg/l	5.7mg/l
02/19/01	Owens Brockway	20106661	0.6 F; 0.8 C; 0.4 CKD	185	Awaiting Treatment	51mg/l	5.7mg/l
03/05/01	Owens Brockway	20106768	0.6 F; 0.8 C; 0.4 CKD	228	Awaiting Treatment	51mg/l	5.7mg/l
04/11/01	Owens Brockway	20108524	In Progress	Not Yet Analyzed	Awaiting Recipe	51mg/l	5.7mg/l

Key:
F = Ferrous Sulfate
C = Portland Cement
CKD = Cement Kiln Dust